

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,089,342 B2  
APPLICATION NO. : 10/772376  
DATED : August 8, 2006  
INVENTOR(S) : Arai et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On The Title Page  
Related U.S. Application Data

Item (63) Continuation of application No. 10/160,022, filed on Jun. 4, 2002, which is a continuation of U.S. application Ser. No. 09/732,292, filed Dec. 8, 2000, now U.S. Pat. No. 6,513,088, issued Jan. 28, 2003, which is a continuation of U.S. application Ser. No. 09/265,363, filed Mar. 10, 1999 now U.S. Pat. No. 6,247,090, which is a continuation of U.S. application Ser. No. 08/833,346, filed Apr. 4, 1997, now U.S. Pat. No. 5,887,147, issued Mar. 23, 1999, which is a continuation of U.S. application Ser. No. 08/598,903, filed Feb. 9, 1996, now U.S. Pat. No. 5,652,845, issued Jul. 29, 1997, which is a continuation of U.S. application Ser. No. 08/190,848, filed Feb. 3, 1994, now abandoned.

Col. lines 7-22 should read,

This is a continuation of U.S. application Ser. No. 10/160,022, filed Jun. 4, 2002, which is a continuation of U.S. application Ser. No. 09/732,292, filed Dec. 8, 2000, now U.S. Pat. No. 6,513,088, which is a continuation of U.S. application Ser. No. 09/265,363, filed Mar. 10, 1999 now U.S. Pat. No. 6,247,090, which is a continuation of U.S. application Ser. No. 08/833,346, filed Apr. 4, 1997, now U.S. Pat. No. 5,887,147, issued Mar. 23, 1999, which is a continuation of U.S. application Ser. No. 08/598,903, filed Feb. 9, 1996, now U.S. Pat. No. 5,652,845, issued Jul. 29, 1997, which is a continuation of U.S. application Ser. No. 08/190,848, filed Feb. 3, 1994, now abandoned, the subject matter of which is incorporated by reference herein, and which is related to U.S. application Ser. No. 10/160,056, filed Jun. 4, 2002, and U.S. application Ser. No. 09/732,291, filed Dec. 8, 2000, now U.S. Pat. No. 6,549,970.

Signed and Sealed this

First Day of April, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*